

**Appendix showing marked up version of the specification**

Please substitute the following paragraph to span pages 7 and 8:

**FIGS. 6B-6C.** Separin immunoprecipitates were incubated with mitotic *Xenopus* extracts, washed, and added to purified cohesin complexes. Samples were taken at different time points and analyzed by immunoblotting with myc antibodies. Full-length SCC1-myc migrates at ~150 kDa; a SCC1-myc cleavage product of 110 kDa (FIG. [7B] 6B). A 55 kDa Scc1 cleavage product (arrows) absent from reactions using separin isolated from hSecurin-deficient cells (FIG. [7C] 6C).

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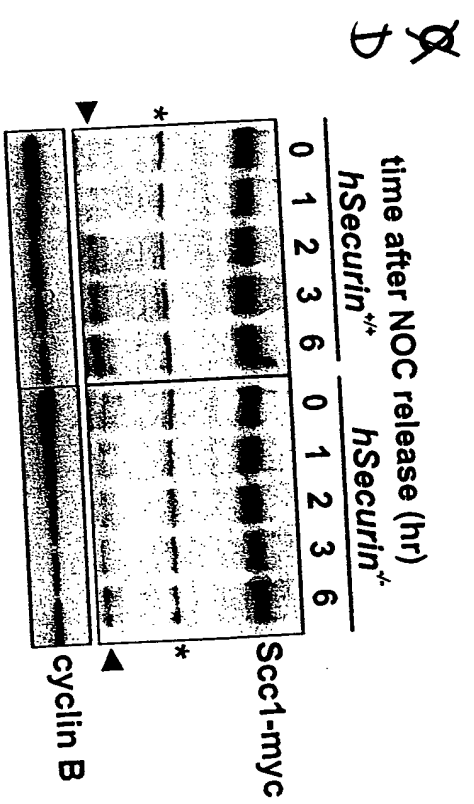
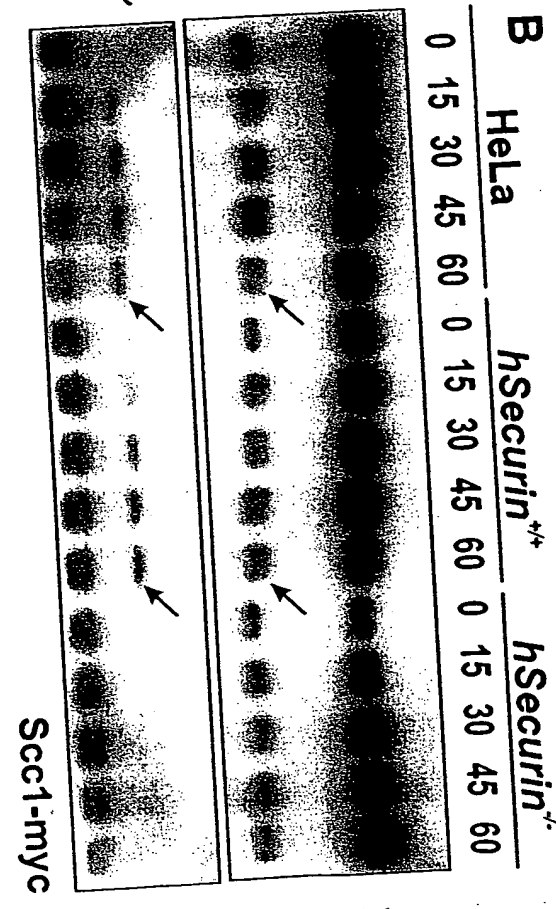
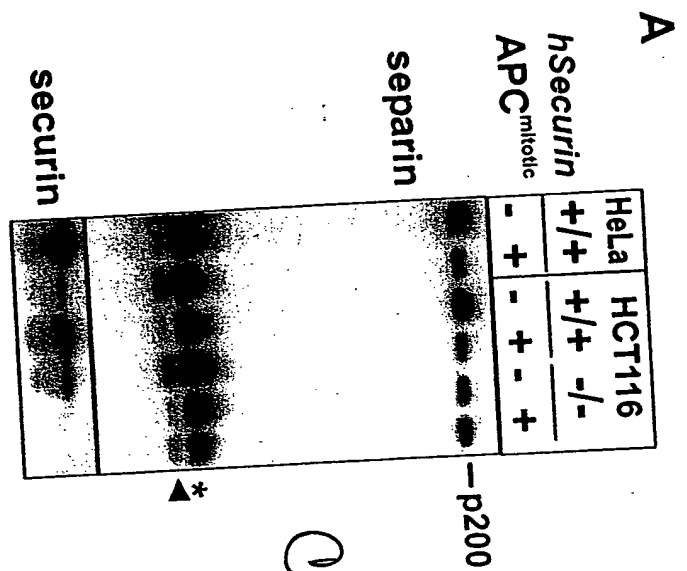


FIG. 6